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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/682,231	08/08/2001	Ruth E. Rosenholtz	110268	9878

27074 7590 11/29/2005

OLIFF & BERRIDGE, PLC.  
P.O. BOX 19928  
ALEXANDRIA, VA 22320

EXAMINER

TRAN, QUOC A

ART UNIT PAPER NUMBER

2176

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 09/682,231	Applicant(s) ROSENHOLTZ ET AL.	
	Examiner Quoc A. Tran	Art Unit 2176	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 15 September 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

1. This action is responsive to Amendment 09/15/2005, with acknowledgement of original filing date of 08/08/2001.
2. Claims 1-8 are currently pending in this application. Applicants amended independent claims 1 and 6. Claim 1 and 6 are independent claims.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

*(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.*

4. **Claims 1-8** are rejected under 35 U.S.C. 103(a) as being unpatentable over Reichek et al US005960448A - filed 12/15/1995 (hereinafter Reichek), in view of Allam et al. US 20020116420A1 - filed 12/15/2000 (hereinafter Allam).

**In regard to independent claim 1, displaying the thumbnail corresponding to an original document and including an enhancement in appearance as display on the thumbnail** (Reichek at col. 4, line 1 through col. 10, line 45, also see Fig. 1, 3, 3a, 3b and 5 discloses an automatically generate enhanced visual graphics to be displayed with the original document images, wherein displaying The computer system (item 100) can also include one, or more, display devices (item 121) for displaying information to the user. The display device can include a frame buffer, specialized graphics rendering devices, a cathode ray tube (CRT), and/or a flat panel display. Alternatively, the display device 121 can include an overhead, which displays the information in preview window 330 (shown in FIG. 3). Also display device (item

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121) can display the interface for controlling the display of original documents (Item 120). The display device (item 121) can display an enhanced image of an original document (item 199). Further illustrating in Fig. 3 displaying a plurality of smaller images (item 120) (e.g. interface for controlling the display of original document), **receiving a request to display the original document** (as taught by Reichel at col. 4, lines 25-30) Examiner read the above in the broadest reasonable interpretation, wherein thumbnail displayed would have been an obvious variant of (item 120) Fig. 1 and 3 (e.g. interface for controlling the display of original document), to a person of ordinary skill in the art at the time the invention was made,

Reichel does not explicitly teach, **displaying a first version of the original document, at least a portion of the first version being more similar in visual appearance to a corresponding portion of the thumbnail than to a corresponding portion of the original document based on comparison of the at least a portion of the first version to the corresponding portion of the original document and the corresponding portion of the thumbnail**, however Allam at page 4 paragraph [0053] though page 5 paragraph [0056], disclose a method of displaying and viewing electronic information using a computerized interface such as EIW (Enhance Interface Window), wherein FIG 10 through FIG 12 show the Enhance Interface Window for displaying and viewing electronic information , wherein (a) displaying in a first window representations of physical pages, (b) extracting information from the electronic page view, and (c) presenting the extracted information in a second window. For example FIG. 10 shows an electronic document with markup annotations 124, 196, 198, particularly the markup annotation 124 is defined by coordinate parameters and bounds textual information relating to "Northern Virginia Electronic Cooperative." Three boxes have been drawn around

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three paragraphs on the electronic page view 130. The information manager extracts the information shown in the bounded boxes and displays it in the left display area 126 of the screen. The above steps read in the broadest reasonable interpretation as claimed, wherein in FIG. 10 shows an electronic document, which is reasonably equivalent to displaying a first version of the original document as claimed. It is appreciated by a person of ordinary skill in the art that thumbnail is a graphical object that is associated with a particular document or image file, when selecting a thumbnail causes the associated document to open, in this case Markup annotation 124 is defined by coordinate parameters and bounds textual information relating to "Northern Virginia Electronic Cooperative." Using the EIW, which is reasonable equivalent to a portion of the first version being more similar in visual appearance to a corresponding portion of the thumbnail than to a corresponding portion of the original document based on comparison of the at least a portion of the first version to the corresponding portion of the original document and the corresponding portion of the thumbnail as claimed.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Reichel, wherein a user can efficiently create a persuasive and effective presentation of original document information, to include a means of displaying and viewing electronic information using a computerized interface such as EIW (Enhance Interface Window) of Allam. One of the ordinary skills in the art would have been motivated to perform such a modification to provide an improved displaying and viewing systems and methods, particularly for electronic documents that present a large amount of electronic information (as taught by Allam page 1 paragraph [0010]).

**In regard to independent claim 6** incorporate substantially similar subject matter as cited in claim 1 above, and is similarly rejected along the same rationale.

**In regard to dependent claims 2-4 and 7-8** incorporate substantially similar subject matter as cited in claim 1 above, and are similarly rejected along the same rationale.

**In regard to dependent claim 5**, is directed to a storage medium for performing the method of claim 1, and is similarly rejected along the same rationale.

***Response to Argument***

5. Applicant's Remark filed 09/15/2005 have been fully considered but they are not persuasive. Applicant argues the rejection under 35 USC 103 (a) as for claims 1-8, Obviousness (see Remarks, pages 4-8). To concisely address the elaborate arguments presented, the Examiner respectfully disagrees for the detailed reasons stated in the rejection of each claim limitation presented in Office Action states above (e.g. for the newly amended independent claims 1 and 6) and the rejection of each claim limitation presented in the previous Office Action mail date 07/13/2005 (please see rejections for detail). In further support of the previous Office Action, please note the following:

Additionally, the main thrust of the applicant's argument is Reichek and Allam do not teach **displaying the thumbnail corresponding to an original document and including an enhancement in appearance as display on the thumbnail**. Using the broadest reasonable interpretation of the claims, Reichek reference teaches and/or suggests all limitations of independent claim 1 (see above rejection for detail), but **displaying a first version of the original document, at least a portion of the first version being more similar in visual appearance to a corresponding portion of the thumbnail than to a corresponding portion of**

the original document based on comparison of the at least a portion of the first version to the corresponding portion of the original document and the corresponding portion of the thumbnail, however ( as taught by Allam at page 4 paragraph [0053] though page 5 paragraph [0056], i.e. disclose a method of displaying and viewing electronic information using a computerized interface such as EIW (Enhance Interface Window)) and further Allam at page 3 paragraph [0041], displaying and viewing of electronic information as a graphical user interface and is labeled EIW (item 182) and electronic page view (item 100) is shown in graphical form as electronic page view (item 194), wherein the physical document wide orientation is maintained by displaying the page number in EIW, the same information may be presented by displaying thumbnail views representing pages in a book, where thumbnail may be an icon or graphic image

There for the rejection of independent claims 1 and 6 are deemed to be proper at least for above the reason at this time.

Regarding dependent claims 2-5 and 7-8 are rejected for fully incorporating the dependencies of their respective base claims are deemed to be proper at least for above the reason at this time.

### **Conclusion**

6. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

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will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (571) 272-4103. The examiner can normally be reached on Monday through Friday from 11AM to 7PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Herndon R Heather can be reached on (571) -272-4136. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Quoc A. Tran  
Patent Examiner  
Technology Center 2176  
November 26, 2005

*William L. Bashore*  
WILLIAM BASHORE  
PRIMARY EXAMINER  
11/27/2005